

ABSTRACT OF THE DISCLOSURE

When an error-correcting code is created for the data stored in a memory and added to the data, even if an error occurs in the data on the memory, the adverse effect of the error will be eliminated. In the present invention, when the data is stored in the memory, an error-correcting code PI is created beforehand using another memory, such as an S-RAM. The error-correcting code PI, together with the data, is written into the memory. After 16 sectors of data and PI have been stored, an error-correcting code PO is created for the data and PI and added to them. When the data is read from the memory, a PI correcting process is carried out each time a PI series is read out. This makes it possible to restore the original data, even if the data is destroyed (or an error occurs) on the memory.